

# Comprehensive Growth Management Plan Transportation Level of Service in 2024 Alternative #2 (Includes Cities' Overrides)

**Key**

- Level of Service Constraint (V/C Ratio greater than 0.9)
- Adopted 2004 UGA boundary
- City Limits
- Urban low density residential
- Urban medium density residential
- Urban high density residential
- Mixed use
- Mixed use/residential-Battle Ground
- Mixed use/employment-Battle Ground
- Campus employment-Battle Ground
- Commercial
- Employment center / Business Park
- Industrial
- Public facilities
- Parks/open space
- Airport
- Urban Reserve
- Industrial urban reserve overlay
- Urban reserve overlay
- New industrial urban reserve overlay
- New urban reserve overlay

This map depicts road segments that are projected to have a low level of service during P.M. peak hours in 2024. Low level of service is expected when the volume of traffic exceeds 90% of the road's capacity. There would likely be many intersections that would also have a low level of service, but the transportation model does not analyze intersection level of service.

This analysis is based on the Alternative 2 land use map using results from the Vacant Buildable Lands Model. It includes overrides by the cities, where planned projects would result in higher or lower household and job numbers. The roadway network assumed for 2024 includes all of the projects programmed in the adopted Metropolitan Transportation Plan.

**\*\*DRAFT\*\***

Location	From	To	Project Type	Lanes	Length (miles)	Proposed County Mitigation Projects (Alt 2)		Bridge Estimate Construction Costs <sup>3</sup>
						Low Estimate Construction Costs <sup>1</sup>	High Estimate Construction Costs <sup>2</sup>	
1 NE 72nd Ave	NE 133rd St	NE 219th St	Widen/Bridge	3	4.7	\$ 30,727,125	\$ 37,213,125	\$ 1,540,125
2 NE 142nd Ave	NE 159th St	NE 173rd Circle	Widen road	3	0.7	\$ 4,586,140	\$ 5,571,060	
3 NE 152nd Ave	West Rd	NE 94th St	Widen road	3	1.0	\$ 6,210,000	\$ 7,580,000	
4 Wang Rd	NE 162nd Ave	NE 182nd Ave	Widen road	5	1.0	\$ 10,350,000	\$ 15,650,000	
5 NE 50th Ave	NE 116th St	NE 129th St	Widen road	3	3.0	\$ 18,630,000	\$ 22,770,000	
6 NE 182nd Ave	NE 159th St	NE 174th St	Intersection imp.	1	0.8	\$ 1,665,000	\$ 2,024,000	
Various locations <sup>4</sup>			Intersection imp.			\$ 30,000,000	\$ 40,000,000	
<b>Sub-total Mitigation Projects</b>						<b>\$ 102,131,265</b>	<b>\$ 127,818,185</b>	
<b>Total Capital Costs</b>						<b>\$ 656,701,457</b>	<b>\$ 718,146,277</b>	

<sup>1</sup> Low estimate based on \$2,070,000 per lane mile  
<sup>2</sup> High estimate based on \$2,530,000 per lane mile  
<sup>3</sup> Bridge estimate based on construction costs at \$150.00 per square foot  
<sup>4</sup> Funds allocated for intersection widening and signalization improvements as needed

**March 14, 2006**

**CLARK COUNTY WASHINGTON** Department of Assessment and GIS

NOTE: Information shown on this map was collected from several sources. Clark County accepts no responsibility for any inaccuracies that may be present.

Scale 1:50,000

Plotted: March 17, 2006

# Comprehensive Growth Management Plan

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Proposed County Mitigation Projects (Alt 2)									
Location	From	To	Project Type	Lanes	Length (miles)	Low Estimate		High Estimate	
						Construction Costs <sup>1</sup>		Construction Costs <sup>2</sup>	
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5 NE 150th Ave	NE 116th St	NE 179th St	Widen road	3	3.0	\$	\$ 18,650,000	\$	\$ 22,770,000
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Sub-total Mitigation Projects						\$	\$ 102,131,265	\$	\$ 127,818,185
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